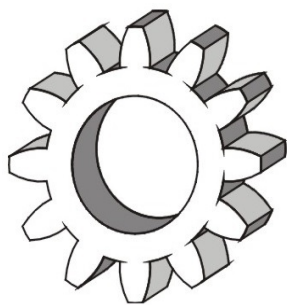


DYSTRYBUTOR



TECHNICAL

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**Sprzęgła
przeciążeniowe
kulkowe LSE**



Piazzalunga

LIMITATORI

TORQUE
LIMITERS



Piazzalunga
MOTION CONTROL TECHNOLOGIES



LSE series compact ball torque limiter

- Simple and compact, an excellent alternative to the friction type
- Overload control by ball detent device
- No maintenance needed
- Overloads from 7.5 to 1450 Nm
- Standard version with re-engagement in phase at 360°
- Available with customised re-engagement (30°, 45°, 60°...)
- Available only with finished bore, maximum 55 mm
- Standard crown transmission for chain (.../C) or flange (.../F)
- Simple precise balanced ring nut adjustment of the torque

ON REQUEST

- Set up for shrink disc or other locking types.
- Microswitch or proximity switch for automatic stop when overloaded



LSE/C: base model with crown wheel for chainPage 11



LSE/F: base model with flangePage 11

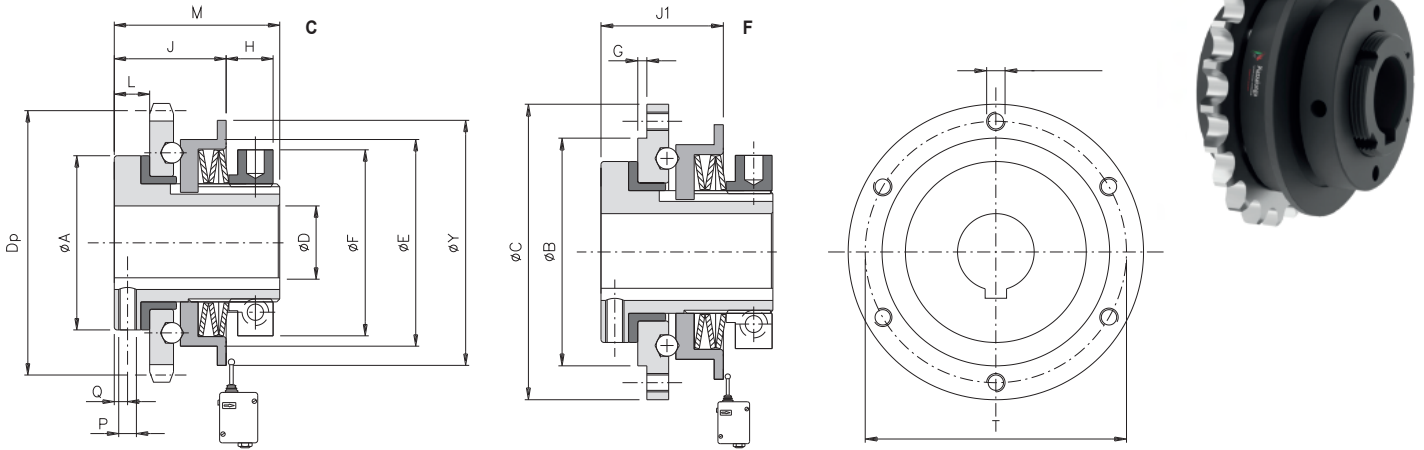


LSE/GC: with chain coupling.....Page 11

TRANSMITTABLE TORQUES

Transmittable torques [Nm] in relation to the configuration of the springs						
ID	A3S1)()	A4S1 (())	A4S2 (())	A3M1)()	A4M1 (())	A3G1)()
038	7,5 - 15		14,5 - 30			
050		8 - 24			15 - 40	40 - 70
070		15 - 45		30 - 100		60 - 155
090				60 - 150		140 - 290
115				145 - 385		215 - 580
140						550 - 1450

LSE series compact ball torque limiter



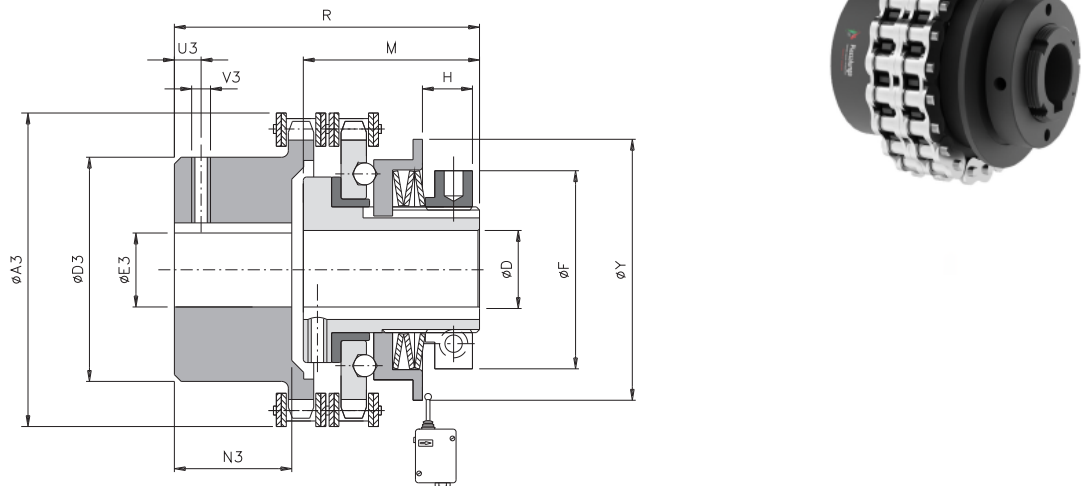
TECHNICAL DATA

ID	MT [Nm]	A	B h7	C	D H7		E	F	G	J1	K	L	M	P	Q	T	Y	Standard platewheel			Rpm max	Kg
					Std	Max												Lead	Dp	J		
038	7,5 - 30	30	35	52	-	12	38	35	1	21	M4	6	33	M3	2	44	48	3/8" Z16	48,82	20,5	1900	0,2
050	8 - 70	40	50	68	-	20	50	42	1,5	26	M5	8	42	M4	3	58	63	3/8" Z20	60,89	24,5	1400	0,5
070	15 - 155	59	65	90	-	25	70	63	2	36	M5	11	55	M6	4	80	83	1/2" Z22	89,24	34	1200	1,3
090	60 - 290	72	85	112	-	38	90	82	2	40	M6	12	61	M6	4,5	100	103	3/4" Z18	109,71	40	1000	2,4
115	50 - 580	89	110	140	18	45	115	104	2	51	M8	14	71	M6	5,5	125	128	1" Z17	138,22	53	800	4,1
140	180 - 1450	104	135	174	24	55	140	128	2	57,5	M10	15	86	M8	5,5	155	153	1" Z20	162,38	58,5	650	6,9

● On request

data not binding

LSE/GC series model with chain coupling



TECHNICAL DATA

ID	MT [Nm]	D H7		F	Y	M	R	A3	D3	E3 H7		N3	U3	V3	Rpm max	Kg
		Std	Max							Std	Max					
038	7,5 - 30	-	12	35	48	33	60	58	37	10	20	20	5	M3	1900	0,6
050	8 - 70	-	20	42	63	42	67	75	50	12	28	19	8	M4	1400	1,0
070	15 - 155	-	25	63	83	55	91	101	70	16	38	29	8	M4	1200	2,9
090	60 - 290	-	38	82	103	61	107	126	89	20	55	38	12	M6	1000	6,1
115	50 - 580	18	45	104	128	71	136	159	112	20	70	56,5	12	M6	800	9,5
140	180 - 1450	24	55	128	153	86	156	184	130	28	80	59,5	15	M8	650	20

● On request

data not binding

NOTES

Technical characteristics: the data given refers to the complete unit (LSE/F - LSE/F/TAC).

Technical characteristics: the weights refer to the complete unit (LSE/F - LSE/F/TAC) pilot bore.